# MMC: 110 STATION ON/OFF

## DESCRIPTION:

Allows the system administrator to set any of the keyset features listed below.

| STANDARD / ENHANCED | FEATURES | DESCRIPTION |
|---|---|---|
| 00 | AUTO HOLD | Automatically places an existing C.O. call on hold if a CALL button, trunk key or trunk route key is pressed during that call. |
| 01 | AUTO TIMER | Automatically starts the stopwatch timer during a C.O. call. |
| 02 | HEADSET USE | When ON, this feature disables the hookswitch allowing a headset user to answer all calls by pressing the ANS/RLS button. |
| 03 | HOT KEYPAD | When ON, this feature allows the user to dial directory numbers without having to first lift the handset or press the SPK button. |
| 04 | KEY TONE | Allows the user to hear a slight tone when pressing buttons on keyset. |
| 05 | PAGE REJOIN | Allows the user to hear the latter part of page announcements if keyset becomes free during a page. |
| 06 | RING PREF. | When OFF, requires the user to press the fast flashing button to answer a ringing call after lifting the handset. |
| 07 | NOT FOR USA | This field is reserved and can not be used for U.S. software. |
| 08 | NOT FOR USA | This field is reserved and can not be used for U.S. software. |
| 09 | NOT FOR USA | This field is reserved and can not be used for U.S. software. |
| 10 | AME PSWD | If this option is set to YES, station users who have AME set must enter their station password to listen to messages being left. |
| 11 | AUTO ANS CO | This option determines whether CO calls arriving at a station will be auto answered if auto answer is selected in MMC 103. |

# MMC: 110

## PROGRAM KEYS

| | |
|---|---|
| UP & DOWN | Used to scroll through options |
| KEYPAD | Used to enter selections |
| SOFT KEYS | Move cursor left and right |
| SPK | Used to store data and advance to next MMC |
| HOLD | Used to clear previous entry |
| ANS/RLS | Used to select ALL |

| ACTION | DISPLAY |
|---|---|
| 1. Press **TRSF 110**<br>Display shows | [201] STN ON/OFF<br>AUTO HOLD :OFF |
| 2. Dial the option number from above list (e.g., 03)<br>OR<br>Press **UP** or **DOWN** to select the option and Press the right soft key to move the cursor | [201] STN ON/OFF<br>HOT KEYPAD :OFF |
| 3. Press **UP** or **DOWN** to select ON or OFF Press the left or right soft key to return to step 2<br>OR<br>Dial **1** for ON or **0** for OFF | [201] STN ON/OFF<br>HOT KEYPAD :ON |
| If option 00 from above list is dialed at Step 2 | [201] STN ON/OFF<br>AUTO HOLD :OFF |
| If option 01 from above list is dialed at Step 2 | [201] STN ON/OFF<br>AUTO TIMER :OFF |
| If option 02 from above list is dialed at Step 2 | [201] STN ON/OFF<br>HEADSET USE :ON |
| If option 03 from above list is dialed at Step 2 | [201] STN ON/OFF<br>HOT KEYPAD :ON |
| If option 04 from above list is dialed at Step 2 | [201] STN ON/OFF<br>KEY TONE :ON |
| If option 06 from above list is dialed at Step 2 | [201] STN ON/OFF<br>RING PREF :ON |

# MMC: 110

If option 10 from above list is dialed at Step 2

```
[201]  STN ON/OFF
AME PASSCODE  :ON
```

4. Press **UP** or **DOWN** to select ON or OFF
   Press the left or right soft key to return to Step 2

```
[201]  STN ON/OFF
HOT KEYPAD :ON
```

5. Press **TRSF** to store and exit

**DEFAULT DATA:** **AUTO HOLD OFF**
**AUTO TIMER ON**
**HEADSET OFF**
**HOT KEYPAD ON**
**KEY TONE ON**
**PAGE REJOIN ON**
**RING PREFERENCE ON**
**AME PSWD OFF**
**AUTO ANS CO OFF**

**RELATED ITEMS:** MMC 301 ASSIGN STATION COS
MMC 701 ASSIGN COS CONTENTS

# MMC: 207 ASSIGN VM/AA PORT

## DESCRIPTION:

Enables SLI ports to be designated as NORMAL or VMAA. VMAA ports receive digits designated in MMC 726 VM/AA Options and also receive a true disconnect signal upon completion of a call. Only SLI cards, not key daughter boards, support disconnect signal. Do not make VMAA ports data; this will return them to a single line port and stop voice mail integration. VMAA ports have the equivalent of data protect written in the program and are protected against tones.

NOTE: This MMC is not used to assign voice mail card ports. Voice mail card ports are assigned as voice mail ports automatically when the iDCS 100 detects a voice mail card.

### PROGRAM KEYS

| | |
|---|---|
| UP & DOWN | Used to scroll through options |
| KEYPAD | Used to enter selections |
| SOFT KEYS | Move cursor left and right |
| SPK | Used to store data and advance to next MMC |
| HOLD | Used to clear previous entry |
| ANS/RLS | Used to select ALL |

| ACTION | DISPLAY |
|---|---|
| 1. Press TRSF 207<br>Display shows | `[209] VMAA PORT`<br>`NORMAL PORT` |
| 2. Dial station number (e.g., 205)<br>OR<br>Press UP or DOWN to select station and press RIGHT soft key to move cursor | `[205] VMAA PORT`<br>`NORMAL PORT` |
| 3. Dial 1 or 0 to select port type (1=VMAA, 0=NORMAL)<br>Press UP or DOWN to select option and press RIGHT soft key | `[205] VMAA PORT`<br>`VMAA PORT` |

# MMC: 207

4. Press TRSF to store and exit
   OR
   Press SPK to store and advance to next MMC

**DEFAULT DATA:** **NORMAL PORT**

**RELATED ITEMS:** **MMC 726 VM/AA OPTIONS**
**MMC 601 STATION GROUP**

# MMC: 308 ASSIGN BACKGROUND MUSIC SOURCE

## DESCRIPTION:

Assigns a background music source to the IDCS 100 keysets. There are a total of 5 possible music selections (see below). One music connection is provided on the KSU motherboard. This source can be switched between internal music source (chimes) or an external source. A second external source is provided with the addition of a SMISC card.

You may also select an Auto Attendant (AA) port to provide continuous play of a specific recording. The AA port selected must be the last port on the SMISC2 card. If selected, the Music on Hold will be the message defined in MMC 736 from the port defined in this MMC.

If you have an SVMi-8 or an SVMi-4 Voice Mail System installed you may also select a voice mail recording as a music source. The recording must already been defined in MMC 748 and will show up here as the voice mail port associated with the recording.

**OPTIONS**

1. **NONE:** No Background Music.
2. **INTERNAL CHIME "OLD FOLKS AT HOME":** This is entered as the directory number of the music source on the KSU motherboard (371).
3. **EXTERNAL DEVICE:** Music Source or Digital announcer. This is entered as the directory number of an external music source located on the KSU motherboard (3701) or a SMISC card (372).
4. **DIGITAL ANNOUNCEMENT ON SMISC2 CARD:** This is entered as the directory number of the last AA port of an SMISC2 card (384).
5. **VOICE MAIL SOUND FILE:** If the iDCS 100 system has an optional SVMi-8 or SVMi-4 card installed, up to 100 custom recorded sound files from the Voice Mail card can be used for BGM sources. Select the voice mail port assigned in MMC748. For information on creating the sound files see the SVMi-8 or SVMi-4 System Administrator Manual-Recording greetings by number. If you select this option be advised that VMMOH source requires one dedicated voice mail port/channel.

# MMC: 308

## PROGRAM KEYS

| | |
|---|---|
| UP & DOWN | Used to scroll through options |
| KEYPAD | Used to enter selections |
| SOFT KEYS | Move cursor left and right |
| SPEAKER | Used to store data and advance to next MMC |
| HOLD | Used to clear previous entry |
| ANS/RLS | Used to select ALL |

| ACTION | DISPLAY |
|---|---|
| 1. Press TRSF 308<br>Display shows current setting | `[201 ] BGM SOURCE`<br>`BGM SOURCE:NONE` |
| 2. Dial keyset number (e.g., 205)<br>OR<br>Use UP or DOWN to scroll through keyset numbers; press RIGHT soft key to move cursor | `[205 ] BGM SOURCE`<br>`BGM SOURCE:NONE` |
| OR<br>Press ANS/RLS to select all stations | `[ALL] BGM SOURCE`<br>`BGM SOURCE:?` |
| 3. Enter source number (e.g., 3701)<br>OR<br>Press UP or DOWN key to make selection and press RIGHT soft key to return to step 2 | `[205 ] BGM SOURCE`<br>`BGM SOURCE:3701` |
| 4. Press TRSF to store and exit<br>OR<br>Press SPK to store and advance to next MMC | |

## DEFAULT DATA: NONE

## RELATED ITEMS:

MMC 309 ASSIGN STATION MUSIC ON HOLD
MMC 408 ASSIGN TRUNK MUSIC ON HOLD SOURCE
AUTO ATTENDANT PROGRAMMING
MMC 748 ASSIGN VMMOH

# MMC: 309 ASSIGN STATION MUSIC ON HOLD

## DESCRIPTION:

This MMC is used to select what MOH source you will hear when another internal station puts you on hold. There are a total of 5 possible music selections (see below). One music connection is provided on the KSU motherboard. This source can be switched between internal music source (chimes) or an external source. A second external source is provided with the addition of a SMISC card.

In addition to "TONE" or a music source, you may also select an Auto Attendant (AA) port to provide continuous play of a specific recording. The AA port selected must be the last port on the card. If selected, the Music on Hold will be the message defined in MMC 736 from the port defined in this MMC.

If you have an SVMi-8 or an SVMi-4 Voice Mail System installed you may also select a voice mail recording as a music source. The recording must already been defined in MMC 748 and will show up here as the voice mail port associated with the recording.

**OPTIONS**

1. **NONE:** No Music on Hold.
2. **TONE:** A repeated tone is played to the holding party.
3. **INTERNAL CHIME "OLD FOLKS AT HOME":** This is entered as the directory number of the music source on the KSU motherboard (371).
4. **EXTERNAL DEVICE:** Music Source or Digital announcer. This is entered as the directory number of an external music source located on the KSU motherboard (371) or a SMISC card (372).
5. **DIGITAL ANNOUNCEMENT ON SMISC2 CARD:** This is entered as the directory number of the last AA port of an SMISC2 card.
6. **VOICE MAIL SOUND FILE:** If the iDCS 100 system has an optional a SVMi-8 or a SVMi-4 card installed, up to 100 custom recorded sound files from the Voice Mail card can be used for MOH sources. Select the voice mail port assigned in MMC 748. For information on creating the sound files see the SVMi-8, or the SVMi-4 System Administrator Manual-Recording greeting by number. If you select this option be advised that each VMMOH source requires one dedicated voice mail port/channel.

# MMC: 309

## PROGRAM KEYS

| | |
|---|---|
| UP & DOWN | Used to scroll through options |
| KEYPAD | Used to enter selections |
| SOFT KEYS | Move cursor left and right |
| SPK | Used to store data and advance to next MMC |
| HOLD | Used to clear previous entry |
| ANS/RLS | Used to select ALL |

| ACTION | DISPLAY |
|---|---|
| 1. Press TRSF 309<br>Display shows current setting | `[201 ] MOH SOURCE`<br>`MOH SOURCE:NONE` |
| 2. Dial keyset number (e.g., 205)<br>OR<br>Use UP or DOWN to scroll through keysets<br>Press RIGHT soft key to move the cursor<br>OR<br>Press ANS/RLS to select all stations | `[205 ] MOH SOURCE`<br>`MOH SOURCE:NONE`<br><br>`[ALL] MOH SOURCE`<br>`MOH SOURCE:?` |
| 3. Enter source number (e.g., 3701)<br>OR<br>Press UP or DOWN key to make selection<br>Press RIGHT soft key to return to step 2 | `[205 ] MOH SOURCE`<br>`MOH SOURCE:3701` |
| 4. Press TRSF to store and exit<br>OR<br>Press SPK to store and advance to next MMC | |

## DEFAULT DATA: TONE

**RELATED ITEMS:** MMC 308 ASSIGN BACKGROUND MUSIC SOURCE
MMC 408 ASSIGN TRUNK MUSIC ON HOLD SOURCE
MMC 748 ASSIGN VMMOH

# MMC: 408 ASSIGN TRUNK MUSIC ON HOLD SOURCE

## DESCRIPTION:

Allows the System Administrator to select what a trunk caller will hear when that trunk is placed on hold. There are a total of 5 possible music selections (see below).

In addition to "TONE" or a music source, you may also select an Auto Attendant (AA) port to provide continuous play of a specific recording. The AA port selected must be the last AA port on the SMISC2 card (384). If selected, the Music on Hold will be the message defined in MMC 736 from the port defined in this MMC.

If you have an SVMi-8 or an SVMi-4 Voice Mail System installed you may also select a voice mail recording as a music source. The recording must already been defined in MMC 748 and will show up here as the voice mail port associated with the recording.

**OPTIONS**

1. **NONE:** No Music on Hold.
2. **TONE:** A repeated tone is played to the outside party.
3. **INTERNAL CHIME "OLD FOLKS AT HOME":** This is entered as the directory number of the music source on the KSU motherboard (371).
4. **EXTERNAL DEVICE:** Music Source or Digital announcer. This is entered as the directory number of an external music source located on the KSU motherboard (371) or a SMISC card (372).
5. **DIGITAL ANNOUNCEMENT ON AA CARD:** This is entered as the directory number of the last AA port of an SMISC2 card. For further details on using an AA port as an MOH source please see MMC 736.
6. **VOICE MAIL SOUND FILE:** If the iDCS 100 system has an optional SVMi-8 or SVMi-4 card installed, up to 100 custom recorded sound files from the Voice Mail card can be used for MOH sources. Select the voice mail port assigned in MMC 748. For information on creating the sound files see the SVMi-8, or SVMi-4 System Administrator Manual-Recording greeting by number. If you select this option be advised that each VMMOH source requires a dedicated voice mail port/channel.

# MMC: 408

## PROGRAM KEYS

| | |
|---|---|
| UP & DOWN | Used to scroll through options |
| KEYPAD | Used to enter selections |
| SOFT KEYS | Move cursor left and right |
| SPK | Used to store data and advance to next MMC |
| HOLD | Used to clear previous entry |
| ANS/RLS | Used to select ALL |

| ACTION | DISPLAY |
|---|---|
| 1. Press TRSF 408<br>Display shows current setting | `[701 ] TRK MOH`<br>`MOH SOURCE:TONE` |
| 2. Dial trunk number (e.g., 704)<br>OR<br>Use UP or DOWN to scroll through trunks<br>Press RIGHT soft key to move cursor<br>OR<br>Press ANS/RLS to select ALL | `[704 ] TRK MOH`<br>`MOH SOURCE:TONE`<br><br>`[ALL] TRK MOH`<br>`MOH SOURCE:?` |
| 3. Enter source number (e.g., 371)<br>OR<br>Press UP or DOWN key to select option<br>Press RIGHT soft key to return to step 2 above | `[705 ] TRK MOH`<br>`MOH SOURCE:371` |
| 4. Press TRSF to store and exit<br>OR<br>Press SPK to store and advance to next MMC | |

## DEFAULT DATA: TONE

**RELATED ITEMS:** MMC 308 ASSIGN BACKGROUND MUSIC SOURCE
MMC 748 ASSIGN VMMOH

# MMC: 414 ASSIGN CALLER ID / ANI TRUNKS

## DESCRIPTION:

Allows the system administrator or technician to activate Caller ID or ANI on a per-trunk basis. Activating Caller ID or ANI will delay the incoming ring indication at the operator by two ring cycles to allow for the collection of the calling party data.

Each trunk has the following options:

| | | |
|---|---|---|
| 0 | NORMAL | This is not a Caller ID trunk. |
| 1 | CID TRUNK | This is a Caller ID trunk. |
| 2 | ANI TRUNK | This is an ANI trunk. |

NOTE: ANI information can be received only on digital ( T1) trunks.
ANI is programmed for use on a trunk group basis.

### PROGRAM KEYS

| | |
|---|---|
| UP & DOWN | Used to scroll through options |
| KEYPAD | Used to enter selections |
| SOFT KEYS | Move cursor left and right |
| SPEAKER | Used to store data and advance to next MMC |
| ANS/RLS | Used to select ALL |

| ACTION | DISPLAY |
|---|---|
| 1. Press TRSF 414<br>Display shows | `[701]CID ANI TRK`<br>`NORMAL` |
| 2. Dial trunk number (e.g. 705)<br>OR<br>Press UP or DOWN to select trunk<br>and press RIGHT soft key to move cursor | `[705]CID ANI TRK`<br>`NORMAL` |
| OR<br>Press ANS/RLS to select ALL | `[ALL]CID ANI TRK`<br>`?` |
| 3. Dial 0, 1 or 2 to change options<br>OR<br>Press UP or DOWN to select an option | `[705]CID ANI TRK`<br>`CID TRUNK` |
| Press RIGHT soft key to enter and<br>return to step 1 | `[705]CID ANI TRK`<br>`ANI TRUNK` |

# MMC: 414

4. Press TRSF to store and exit
   OR
   Press SPK to save and advance to next MMC

**DEFAULT DATA: ALL TRUNKS ARE NORMAL**

**RELATED ITEMS:**
- MMC 119 CALLER ID / ANI DISPLAY
- MMC 312 ALLOW CALLER ID / ANI
- MMC 420 ANI / DNIS OPTIONS
- MMC 501 SYSTEM TIMERS
- MMC 503 TRUNK WIDE TIMERS
- MMC 608 ASSIGN REVIEW BLOCK
- MMC 722 STATION KEY PROGRAMMING
- MMC 723 SYSTEM KEY PROGRAMMING
- MMC 725 SMDR OPTIONS
- MMC 728 CALLER ID / ANI TRANSLATION TABLE

# MMC: 501 SYSTEM TIMERS

## DESCRIPTION:

Allows the technician to adjust individual timers as necessary.

NOTE: Certain timers are disabled when the value is “000”.

### PROGRAM KEYS

| | |
|---|---|
| UP & DOWN | Used to scroll through options |
| KEYPAD | Used to enter selections |
| SOFT KEYS | Move cursor left and right |
| SPK | Used to store data and advance to next MMC |

| ACTION | DISPLAY |
|---|---|
| 1. Press TRSF 501<br>Display shows first timer value | AA INT DGT TIME<br>05 SEC |
| 2. Press UP or DOWN key to select timer and press RIGHT soft key to move cursor | KMMC LOCK OUT TM<br>30 SEC _ |
| 3. Enter new value using keypad; if valid, system returns to step 2 with new value | KMMC LOCK OUT TM<br>30 SEC 250 |
| 4. Press TRSF to store and exit<br>OR<br>Press SPK to store and advance to next MMC | |

**DEFAULT DATA: SEE TABLE OF TIMERS AND VALUES**

**RELATED ITEMS: NONE**

**MMC: 501**

# TIMER TABLE

| TIMER NAME | DEFAULT | RANGE |
|---|---|---|
| AA INT DGT TIME | 05 SEC | 1–25 SEC |
| AA NO ACT TIME | 10 SEC | 1–25 SEC |
| ALARM TIMER | 0100 MIN | 0000-2500 MIN |
| ALERT TONE TIMER | 1000 MS | 100–2500 MS |
| ALM REM.INTERVAL | 25 SEC | 1–250 SEC |
| ALM REM.RING OFF | 10 SEC | 1–25 SEC |
| ATT.RECALL TIME | 30 SEC | 0–250 SEC |
| AUTO REDIAL INT. | 30 SEC | 1–250 SEC |
| AUTO REDIAL RLS. | 45 SEC | 1–250 SEC |
| CALLBACK NO ANS | 30 SEC | 1–250 SEC |
| CAMP ON RECALL | 30 SEC | 000–250 SEC |
| CID DISPLAY TIME | 05 SEC | 1–25 SEC |
| CID MSG RECEIVE | 06 SEC | 1–25 SEC |
| CO–CO DISCONNECT | 20 MIN | 001–250 MIN |
| CONFIRM TONE TM | 1000 MS | 100–2500 MS |
| CRD TONE INT TM | 30 SEC | 000–250 |
| DIAL PASS TIME | 03 SEC | 0–25 SEC |
| DISA DISCONNECT | 30 MIN | 1–250 MIN |
| DISA DTMF DETECT | 000 SEC | 0-250 SEC |
| DISA LOCK OUT/TM | 30 MIN | 1–250 MIN |
| DISA NOANS DISC | 30 SEC | 000–250 SEC |
| DISA PASS CHECK | 30 MIN | 1–250 MIN |
| DISPLAY DELAY TM | 03 SEC | 1–250 SEC |
| DOOR LOCK RELES. | 500 MS | 100–2500 MS |
| DOOR RING DETECT | 50 MS | 10–250 MS |
| DOOR RING OFF TM | 30 SEC | 1–250 SEC |
| E-HOLD RECALL TM | 45 SEC | 0–250 SEC |
| FIRST DIGIT TIME | 10 SEC | 1–250 SEC |
| HOK FLASH MAX TM | 800 MS | 0020–2500MS |
| HOK FLASH MIN TM | 350 MS | 0020–2500MS |
| HOOK OFF TIME | 100 MS | 20–2500 MS |
| HOOK ON TIME | 1000 MS | 20–2500 MS |
| INQUIRY RELEASE | 30 SEC | 1–250 SEC |
| INTER DIGIT TIME | 10 SEC | 001–250 SEC |
| ISDN INTER DIGIT TIMER | 03 SEC | 01-15 SEC |
| KMMC LOCK OUT TM | 30 SEC | 10–250 SEC |
| LCR ADVANCE TIME | 05 SEC | 1–250 SEC |
| LCR INTER DIGIT | 05 SEC | 1–250 SEC |
| OFF HOK RING INT | 15 SEC | 1–250 SEC |
| OHVA ANSWER TIME | 10 SEC | 1–250 SEC |
| PAGE TIME OUT | 20 SEC | 1–250 SEC |
| PAGE TONE TIME | 500 MS | 100–2500 |
| PARK RCALL TIME | 45 SEC | 0–250 SEC |
| PC-MMC LOCK OUT | 5 MIN | 01–60 MIN |
| PERI UCD REPORT | 05 SEC | 03-99 SEC |

**MMC: 501**

| | | |
|---|---|---|
| POWER DOWN TIME | 2000 MS | 1000–9000 MS |
| RECALL DISCONECT | 002 MIN | 1–250 SEC |
| RECALL WAIT TIME | 15 SEC | 000–250 SEC |
| ROUTE OPTIMIZE | 10 SEC | 000–250 SEC |
| SMDR START/DP | 30 SEC | 1–250 SEC |
| SMDR START/DTMF | 15 SEC | 1–250 SEC |
| SYS HOLD RECALL | 45 SEC | 0–250 SEC |
| TRANSFER RECALL | 20 SEC | 0–250 SEC |
| UCDS AUDIO ALARM | 0 SEC | 0–990 SEC |
| UCDS VISUAL ALAM | 0 SEC | 0–990 SEC |

# TIMER DESCRIPTIONS

**AA INT DGT TIME** — When the AA card is installed, this timer determines the interdigit time for AA call processing. If this timer expires before valid digits are received by the AA card, the call will be routed to the AA invalid digits destination.

**AA NO ACT TIME** — When the AA card is installed, this timer determines the time that the AA card will wait for a first digit for AA call processing. If this timer expires before a digit is received, the call will be routed to the AA no action destination.

**ALARM TIMER** — This is the time the system alarm key will start ringing after the alarm key has been silenced.

**ALERT TONE TIMER** — This timer sets the duration of the attention tone preceding a call to a keyset in the Voice Announce or Auto Answer mode. This tone will also precede a forced Auto Answer call.

**ALM REM INTERVAL** — This timer controls the time length between ring attempts at a station when alarm reminder is set.

**ALM REM RING OFF** — This timer controls the length of the ring cycle duration when alarm reminder is set at a station.

**ATT RECALL TIME** — This is the length of time a transfer recall will ring at a station before recalling the operator.

**AUTO REDIAL INT** — This timer controls the time between attempts after RETRY dialing is set on a station.

**AUTO REDIAL RLS** — This timer controls the duration of a Ring No Answer condition on a retry number dialed before the auto redial is automatically canceled.

## MMC: 501

**CALLBACK NO ANS** This timer controls the time before the callback is automatically canceled when a callback detects Ring No Answer.

**CAMP ON RECALL** This timer controls the duration of time a camped-on call will stay at a destination before recalling to the transferring station.

**CID DISPLAY TIME** The amount of time that the Caller ID information remains on the keyset's display.

**CID MSG RECEIVE** The amount of time that the system will allow a valid message from the C.O.

**C.O.-C.O. DISCONNECT** This timer monitors the duration of an unsupervised conference; when it expires, both trunks are disconnected.

**CONFIRM TONE TIME** The tone heard when a feature is activated or deactivated.

**CRD TONE INT TM** This is the call record tone interval time. Any other than zero will cause a tone to be heard by all the parties in a recorded conversation. The range for the tone is 001 (every second) to 255 (every 255 seconds). A value of 000 means no tone. Requires SVMi card.

**DIAL PASS TIME** This timer monitors the duration of time before connecting the transmit of the keyset to the trunk side of an outgoing call.

**DISA DTMF DETECT** This timer sets the time duration that DTMF can be received on a DISA line.

**DISA DISCONNECT** This timer controls the maximum duration of a DISA call.

**DISA LOCK OUT TIMER** This timer controls the duration of time a DISA call is not allowed to be made after the DISA error counter has expired (MMC 500).

**DISA NOANS DISC** This is the amount of time a DISA trunk may ring a station before the system will disconnect the DISA trunk if there is no answer.

**DISA PASS CHECK** This timer defines the time period before the system clears the incorrect passcode counter.

## MMC: 501

**DISPLAY DELAY TIMER** This timer controls the duration a display is shown in the LCD display. This timer also controls the duration of time that error tone is heard.

**DOOR LOCK RELEASE** This timer controls the duration of time the door lock relay will be activated.

**DOOR RING DETECT** This timer controls the duration of time before a call is answered by the door phone.

**DOOR RING OFF TM** This timer controls the duration of ringing at the door ring destination before automatically canceling.

**E-HOLD RECALL TM** This timer controls the duration of time a call is held exclusively at a station before recalling.

**FIRST DIGIT TIME** This timer controls how long the system will wait for dialing to begin before dropping the dial tone and returning the user to error tone.

**HOK FLASH MAX TM** This timer monitors the duration of a hookswitch flash to ensure that the flash is valid and not a line noise or an accidental hookswitch bounce (LONGEST DURATION).

**HOK FLASH MIN TM** This timer monitors the duration of a hookswitch flash to ensure that the flash is valid and not a line noise or an accidental hookswitch bounce (SHORTEST DURATION).

**HOOK OFF TIME** This timer controls the time before dial tone is sent to a single line station.

**HOOK ON TIME** This timer sets the minimum amount of time that the system will recognize as an SLT hang up.

**INQUIRY RELEASE** This timer monitors the duration of the interaction of the soft key to determine when to return the LCD back to a normal status. This timer affects only display phones.

**INTER DIGIT TIME** This timer controls the grace period between dialing valid digits before dropping the call and returning the user back to error tone.

**ISDN INTERDIGIT TIMER** This timer controls the grace period between dialing valid digits and the end of the dialing string on an ISDN call.

## MMC: 501

**KMMC DIGIT TIME** This timer controls the grace period between programming actions while in a programming session. The timer automatically returns the system to secure programming status.

**LCR ADVANCE TIME** This timer controls the duration of time before selecting the next allowable route when a station is allowed to route advance.

**LCR INTER DIGIT** This timer controls the grace period between dialing valid digits before accessing a trunk.

**OFF HOOK RING** This timer controls the duration of time between ring bursts to a user who has a camped-on call.

**OHVA ANSWER TIME** This timer controls the time duration of an OHVA call before automatic rejection.

**PAGE TIME OUT** This timer controls the duration of a page announcement.

**PAGE TONE TIME** This timer controls the duration of tone burst heard over the page prior to the page announcement.

**PARK RECALL TIME** This timer controls the duration of time a call is parked before recalling to the call park originator.

**PC-MMC LOCK OUT** This timer monitors the PCMMC activity, drops the link if no action is created by PCMMC and returns the system back to secure program status.

**PERI-UCD REPORT** This timer is the interval that a periodic UCD report is provided to an SIO port.

**POWER DOWN TIME** This timer monitors the power to the ROM pack to begin shutdown status.

**RECALL DISCONNECT** This is the time an attendant recall will ring before being disconnected.

**RECALL WAIT TIME** This is the time any recall (hold or transfer) continues to recall at your station before it recalls to the operator.

**ROUTE OPTIMIZE** This is the amount of time the system will wait before dropping any unnecessary Q-Sig links. This timer may only be used with enhanced version of software and networking is used.

## MMC: 501

**SMDR START/DIAL PULSE (ROTARY)**

This grace period timer starts SMDR recording for rotary dialing. This timer also controls the LCD duration timer on the keysets. The duration time displayed and the SMDR time duration will be the same.

**SMDR START/DTMF**

This grace period timer starts SMDR recording for touchtone dialing. This timer also controls the LCD duration timer on the keysets. The duration time displayed and the SMDR time duration will be the same.

**SYS HOLD RECALL**

This timer determines the time calls can be left on hold before recalling back to the holding station. This is a system-wide timer. Setting timer to 000 will defeat this feature and no recalling will take place.

**TRANSFER RECALL**

This timer determines the time transferred calls ring before recalling. This is a system-wide timer.

**UCDS AUDIO ALARM**

When an AA card is installed and the digital UCD package enabled, this counter determines the maximum number of seconds a call has been waiting at the UCD group before the UCD group's SUPV key begins to flash along with an audio alarm. For more UCD alarm conditions, see MMC 500.

**UCDS VISUAL ALARM**

When an AA card is installed and the digital UCD package enabled, this counter determines the maximum number of seconds a call at the UCD group before the UCD group's SUPV key begins to flash as an alarm. For more UCD alarm conditions, see MMC 500.

# MMC: 502 STATION-WIDE TIMERS

## DESCRIPTION:

Allows certain station timer values to be changed on a per-station basis or for all stations.

1 NO ANS FWD — This timer controls how long the station will ring before Forward on No Answer takes place. (Range: 001- 250 sec.)

2 DTMF DUR. — This timer governs the duration of DTMF digits which are transmitted to an external VM system port. This can be used when a VMS system fails to recognize the default DTMF digit duration being transmitted from the iDCS SLT port. (Range: 100- 9900 m sec.)

3 F - DGT DELY — This timer will be valuable for the system administrator to insert a suitable delay before generating DTMF digits for In Band Integration. (Range: 00- 9900 m sec)

4. OFFHK SEL — This timer controls the grace period before placing an internal/external call as programmed in MMC 306. (Range: 000- 250 m sec.)

5. EFWD DELAY — This timer controls the External Call Forward feature which will allow a station to ring before the call is placed on external call forwarding. (Range: 001- 250 m sec.)

### PROGRAM KEYS

| | |
|---|---|
| UP & DOWN | Used to scroll through options |
| KEYPAD | Used to enter selections |
| SOFT KEYS | Move cursor left and right |
| SPK | Used to store data and advance to next MMC |
| ANS/RLS | Used to select ALL |

| ACTION | DISPLAY |
|---|---|
| 1. Press TRSF 502<br>Display shows | [201] NO ANS FWD<br>010 SEC → |

# MMC: 502

2. Dial station number (e.g., 205)
   OR
   Press UP or DOWN key to select station and press RIGHT soft key
   OR
   Press ANS/RLS to select all stations and press RIGHT soft key

```
[205] NO ANS FWD
010 SEC →_
```

```
[ALL] NO ANS FWD
010 SEC →_
```

3. Enter new value (must be three digits) via dial keypad (e.g., 020)
   System will return to step 2

```
[205] NO ANS FWD
010 SEC →020
```

4. Dial timer number from above list (e.g. 2)
   OR
   Press UP or DOWN key to select and press RIGHT soft key to move cursor

```
[205] DTMP DUR.
0100 MS →_
```

5. Enter new timer value (must be four digits, e.g. 0200)
   System returns back to step 2

```
[205] DTMP DUR.
0100 MS →0200
```

6. Press TRSF to store and exit
   OR
   Press SPK to store and advance to next MMC

**DEFAULT DATA:**

| | |
|---|---|
| **NO ANS FWD** | **015 SEC** |
| **DTMF DURATION** | **100 MSEC** |
| **FIRST DGT DELAY** | **600 MSEC** |
| **OFFHK SEL** | **015 SEC** |
| **EFWD DELAY** | **010 SEC** |

**RELATED ITEMS:** MMC 102 CALL FORWARD
MMC 207 ASSIGN VM/AA PORT
MMC 726 VM/AA OPTIONS

# MMC: 601 ASSIGN STATION GROUP

## DESCRIPTION:

This MMC is used to build all station groups. There are 30 programmable groups available in an iDCS 100 system.

The options for setting up these groups are as follows: A through F.

**A. TYPE:** This is the type of group you are creating and can be one of the following:

1. **NORMAL:** Used to assign stations in a ring group. The members can be stations, common bell contacts or Ring over Page relays.

2. **VMAA:** Used to group a number of voice mail port extensions. These must have been defined in MMC 207 as VMAA ports or they cannot be entered here. Check all programming in MMC 726 to ensure that the In band DTMF codes are properly set.

3. **AA:** This is used to group a number of AA ports. An Auto Attendant (AA) card must be installed in the system to do this.

4. **BI-VMS:** This is the voice mail group for SVM (the built in Samsung Voice Mail Card). When a voice mail card is installed, group 519 must be programmed as a voice mail group on an iDCS 100 system. If a SVM is not installed in the system, group 519 can be used as any other group can be used.

5. **MESSAGE:** Used to group a number of extensions to serve as a message desk or message group. When one of the stations in this type of group leaves a message to another station the messaged station will return the message to the message group so any member can answer the call. If a station is a member of more than one message group, then any message indications made by that station would be for the first numerical message group they are a member of. It is not recommended to program stations in to multiple station groups.

6. **UCD:** Used to build a UCD group. The iDCS 100 will support two methods of UCD:

- **TYPE 1 UCD**
  The group OVERFLOW/N-ANS destination (see below) is defined as an SLT port to which you must connect some type of announcement device to play to callers while they are on hold.

  Please note that this type of UCD group has the following limitations.

  a) The announcement device must be able to terminate the announcement with a hook flash and a transfer back to the UCD group.

  b) Only one caller at a time can hear the announcement.

  c) Each caller connected to the announcement must hear the announcement in its entirety.

  d) It is possible that a new caller may "jump ahead" in the queue if a previous caller is currently connected to the announcement device.

- **TYPE 2 UCD**
  The group OVERFLOW/N-ANS destination (see below) is defined as an AA port or group. This will only work if an AA card has been installed in the system.

  The digital announcer in the AA card will supply two recorded announcements to callers in queue. The first announcement is played only once, the second announcement will repeat for as long as the caller is in queue.

  This type of UCD group has the following advantages:

  a) No external device need be installed to provide an announcement.

  b) Multiple callers can hear the announcement(s) simultaneously.

  c) Callers hearing the announcement will be transferred to a free UCD group member (agent) as soon as the agent becomes available.

  d) The callers place in queue is always maintained.

  Additional programming for this type of UCD group is in MMC 607. There is a maximum of 10 UCD groups available on an iDCS 100 system.

**B. RING MODE:** Each group can have one of the following ring modes. This will decide how calls are placed to the group.

1. **SEQUENTIAL:** The stations listed as "members" (see below) will be called on a first available basis. Calls will first go to the first member, if the first member is busy, calls will go to the second member, if the second member is busy, calls will go to the third member etc. This type of group is useful for

placing the bulk of the incoming calls to a selected individual, with other members only getting the calls when the first member is busy. The number of members allowed for a sequential group is 32.

2. **DISTRIBUTED:** The first call will go to the first member, the second call will go to the second member, the third call will go to the third member. This type of group is useful for evenly distributing the call among all group members. The number of members allowed for a distributed group is 32.

3. **UNCONDITIONAL:** Calls are placed to all group members simultaneously. This reduces the number of members of the groups to 32. If a group member is busy, they can receive off hook ring if defined in MMC 300.
   This ring mode option is not available for UCD or VMAA groups. The OVERFLOW/BUSY option is not available for unconditional ring mode.

**C. OVERFLOW:** This is the timer value that will cause unanswered calls to a group to begin also ringing the NEXT PORT (see below) after this timer has elapsed. If set to 000, no overflow will take place.

**D. NEXT PORT:** This is the station or group number that callers will also ring at if the OVERFLOW feature has been programmed. The OVERFLOW DESTINATION can be defined as:

1. **COMMON BELL** There are up to 6 relays available in the iDCS 100 system that can be defined as Common bell in MMC 218. (2 on each PMISC card)

2. **RING OVER PAGE** DN # 362 and 363 are the default numbers available.

3. **STATION OR STATION GROUP.** Any station or station group can be defined as the NEXT port.

**E. GRP TRANSFER:** This is a timer that will determine how long C.O. calls transferred to the group will ring at the group before recalling. If set to 000, no recall will take place.

**F. MEMBER:** List all members that are to be in the group. Up to 32 members are allowed in each group, but stations can be assigned to multiple station groups.

**G. GROUP BUSY:** When this option is set to YES and all members of the group are busy, then a caller will hear busy tone when the group is called. Callers to the group will not be routed to the overflow destination when all members of the groups are busy.

## MMC: 601

**NOTES:** When a group is called, or a caller is transferred to a group, ringback is sent to the caller. A busy signal will not be returned even if all group members are busy. Obviously UCD is an exception to this rule. Calls to a group do not follow the call forwarding instructions of any stations in the group.

**H. GRP AUTOANS:** When this option is set to ON, intercom calls to the group will Auto Answer/Voice Announce if the station is programmed for Auto Answer/Voice Announce in MMC 103. CO calls will follow the AUTO ANS CO setting in MMC 110 for a group member in addition to the group members in MMC 103.

### FEATURE KEYS

| | | |
|---|---|---|
| 0 | TYPE | Group type (Normal, VM/AA, UCD, AA, SVM, MESSAGE) |
| 1 | RING | Ring mode (Sequential, Distributed or Unconditional) |
| 2 | OVERFLOW | Overflow time (000 - 250 secs.) |
| 3 | GRP TRSF | Group transfer time (000 - 250 secs.) |
| 4 | NEXT PORT | Group or station number (e.g. group 502, station 221, 244) |
| 5 | MEMBER | Group members (e.g., station 202, 225, 231) |
| 6 | GROUP BUSY | ON or OFF |

### RING MODES

| | | |
|---|---|---|
| 0 | SEQUENTIAL | The first idle station listed in the group will ring. If the first is busy, the next idle station will ring. MAXIMUM 32 STATIONS RINGING. |
| 1 | DISTRIBUTED | The first call will ring the first station listed in the group. The next call will ring the next station listed in the group. MAXIMUM 32 STATIONS RINGING. |
| 2 | UNCONDITIONAL | All the stations listed in the group will ring. Busy stations will receive off-hook ring. MAXIMUM 32 STATIONS RINGING. |

### PROGRAM KEYS

| | |
|---|---|
| UP & DOWN | Used to scroll through options |
| KEYPAD | Used to enter selections |
| SOFT KEYS | Move cursor left and right |
| SPK | Used to store data and advance to next MMC |
| HOLD | Used to clear previous entry |

# MMC: 601

| ACTION | DISPLAY |
|---|---|
| 1. Press TRSF 601<br>Display shows | `[501] STN.GROUP`<br>`TYPE:NORMAL GRP` |
| 2. Dial group number (e.g., 505)<br>OR<br>Press UP or DOWN key to select group<br>Press LEFT soft key to move cursor to type of group and DIAL group type (0–2, e.g., 1)<br>OR<br>Press UP or DOWN key to make selection<br>Press LEFT soft key to move cursor to TYPE | `[505] STN.GROUP`<br>`TYPE:NORMAL GRP`<br><br>`[505] STN GROUP`<br>`TYPE:VMAA` |
| 3. Dial feature option number (0–6, e.g., 0)<br>OR<br>Press UP or DOWN key to scroll options and press RIGHT soft key to move cursor | `[505] STN GROUP`<br>`RING:SEQENTIAL` |
| 4. Dial ring option (0–2, e.g., 1)<br>OR<br>Press UP or DOWN key to make selection<br>Press LEFT soft key to move cursor back to RING or press RIGHT soft key to return to step 2 | `[505] STN GROUP`<br>`RING:DISTRIBUTE` |
| 5. Dial next feature option and continue<br>OR<br>Press UP or DOWN key to select option and press RIGHT soft key<br>OR<br>Press LEFT soft key to return to step 2 | `[505] STN GROUP`<br>`RING:DISTRIBUTE` |
| 6. Press TRSF to store and exit<br>OR<br>Press SPK to store and advance to next MMC | |

**DEFAULT DATA:** **NORMAL GROUP**

**RELATED ITEMS:** MMC 203 ASSIGN UA DEVICE
MMC 204 COMMON/LOUD BELL CONTROL

# MMC: 701 ASSIGN COS CONTENTS

## DESCRIPTION:

Similar to MMC 700 but does not allow a copy command. This MMC is primarily used for creating a new class of service. If the unsupervised conference feature is allowed, a programmed CONF key must be available to allow reentry into a conference call. There are 30 classes of service available.

NOTE: This MMC is divided into 4 categories. The categories are USABLE FEATURES, CALL STATION GROUPS, CALL TRUNK GROUPS, CALL TO BIVMS STN (SVM).

### PROGRAM KEYS

| | |
|---|---|
| UP & DOWN | Used to scroll through options |
| KEYPAD | Used to enter selections |
| SOFT KEYS | Move cursor left and right |
| SPK | Used to store data and advance to next MMC |

### TOLL LEVEL OPTIONS

| DIAL DIGIT | TOLL LEVEL | DIAL DIGIT | TOLL LEVEL |
|---|---|---|---|
| 0 | A | 4 | E |
| 1 | B | 5 | F |
| 2 | C | 6 | G |
| 3 | D | 7 | H |

**ACTION** **DISPLAY**

1. Press TRSF 701
   Display shows

```
COS CONTENTS(01)
TOLL LEVEL:A
```

2. Dial COS (e.g., 06)
   OR
   Press UP or DOWN key to select COS
   Press RIGHT soft key to move cursor to toll level

```
COS CONTENTS(06)
TOLL LEVEL:A
```

## MMC: 701

3. Dial toll level (e.g., 2—see above list)
   OR
   Press UP or DOWN to select new TOLL level
   OR
   Press RIGHT soft key to advance to COS options

```
COS CONTENTS(06)
TOLL LEVEL:C
```

4. Dial COS option (e.g., 09—see Caller ID option list or Basic option list)
   OR
   Press UP or DOWN key to select option
   Press RIGHT soft key to move cursor

```
COS CONTENTS(06)
09:DND      :YES
```

5. Dial 0 for NO or 1 for YES
   OR
   Press UP or DOWN key to select option
   Press LEFT soft key to return to step 4
   Press RIGHT soft key to return to step 2

```
COS CONTENTS(06)
09:DND      : NO
```

6. Press TRSF to store and exit
   OR
   Press SPK to store and advance to next MMC

**Table A. COS Feature List by Option Number**

**USEABLE FEATURE**

| | LCD Display | COS Option |
|---|---|---|
| 00 | AA CALER | Auto answer control by caller* |
| 02 | ALM CLER | Alarm clear |
| 03 | AUTO RDL | Retry on busy |
| 04 | CALLBACK | Callback |
| 05 | CID ABND | Caller ID Abandon* |
| 06 | CID INQR | Caller ID Inquire* |
| 07 | CID INVT | Caller ID Investigate* |
| 08 | CONFER | Conference |
| 09 | DALM CLR | DISA alarm ring clear |
| 10 | DIRECT | Directory dial |
| 11 | DISA | Allow DISA use |
| 12 | DND | Do Not Disturb |
| 13 | DND FWRD | Forward Do Not Disturb |
| 14 | DND OVRD | Do Not Disturb override |
| 15 | DOOR | Door ring answer |
| 16 | DSS | Direct station select |
| 17 | DTS | Direct trunk select |

## MMC: 701

### Table A. COS Feature List by Option Number

| USEABLE FEATURE | | |
|---|---|---|
| | **LCD Display** | **COS Option** |
| 18 | NOT USED | |
| 19 | EXT FWD | External call forward |
| 20 | FEATURE | Feature key |
| 21 | FLASH | Trunk flash |
| 22 | FOLLOW-ME | Call forward-follow me |
| 23 | FORWARD | Call forwarding |
| 24 | NOT USED | |
| 25 | GRP/IO | Group in/out |
| 26 | HOLD | Hold |
| 27 | HOTLINE | Hot line |
| 28 | INTERCOM | Intercom call |
| 30 | MESSAGE | Message |
| 31 | MM PAGE | Meet me page |
| 32 | NEW CALL | New call |
| 33 | OHVAED | Ohvaed |
| 34 | OHVAING | Ohvaing |
| 35 | ONEA2 | 1A2 emulation |
| 36 | OPERATOR | Operator |
| 37 | OUT TRSF | Outgoing transfer |
| 38 | OVERRIDE | Override |
| 39 | PAGE 0 | Page zone 0 PAGING |
| 40 | PAGE 1 | Page zone 1 PAGING |
| 41 | PAGE 2 | Page zone 2 PAGING |
| 42 | PAGE 3 | Page zone 3 PAGING |
| 43 | PAGE 4 | Page zone 4 PAGING |
| 44 | PAGE 5 | Page zone 5 PAGING |
| 45 | PAGE 6 | Page zone 6 PAGING |
| 46 | PAGE 7 | Page zone 7 PAGING |
| 47 | PAGE 8 | Page zone 8 PAGING |
| 48 | PAGE 9 | Page zone 9 PAGING |
| 49 | PAGE ✱ | Page zone ✱ PAGING |
| 50 | NOT USED | |
| 51 | PICKUP | Call Pickup |
| 53 | REM . HOLD | Remote Hold |
| 54 | RNG PLAN | Ring Plan |
| 55 | SECURE | Override Secure |
| 56 | SET RLOC | Set Relocation |
| 57 | SSPD TOL | System Speed Dial Toll Check |
| 58 | STN LOCK | Station Locking |
| 59 | SYS SPD | System Speed Dial |
| 60 | NOT USED | |

# MMC: 701

## Table A. COS Feature List by Option Number

### USEABLE FEATURE

| | LCD Display | COS Option |
|---|---|---|
| 61 | TRK EHLD | Trunk Exclusive Hold |
| 62 | UNCO CNF | Conference |
| 63 | VM AREC | Auto Record |
| 64 | VM AME | Answer Machine Emulator |
| 65 | VM REC | Call Record |

### CALL STN GROUP

| LCD Display | COS Option |
|---|---|
| STNGRP 01 | Station group 01 calling |
| STNGRP 02 | Station group 02 calling |
| STNGRP 03 | Station group 03 calling |
| STNGRP 04 | Station group 04 calling |
| STNGRP 05 | Station group 05 calling |
| STNGRP 06 | Station group 06 calling |
| STNGRP 07 | Station group 07 calling |
| STNGRP 08 | Station group 08 calling |
| STNGRP 09 | Station group 09 calling |
| STNGRP 10 | Station group 10 calling |
| STNGRP 11 | Station group 11 calling |
| STNGRP 12 | Station group 12 calling |
| STNGRP 13 | Station group 13 calling |
| STNGRP 14 | Station group 14 calling |
| STNGRP 15 | Station group 15 calling |
| STNGRP 16 | Station group 16 calling |
| STNGRP 17 | Station group 17 calling |
| STNGRP 18 | Station group 18 calling |
| STNGRP 19 | Station group 19 calling |
| STNGRP 20 | Station group 20 calling |

### CALL TRK GROUP

| LCD Display | COS Option |
|---|---|
| TRKGRP01 | Trunk group 01 calling |
| TRKGRP02 | Trunk group 02 calling |
| TRKGRP03 | Trunk group 03 calling |
| TRKGRP04 | Trunk group 04 calling |
| TRKGRP05 | Trunk group 05 calling |
| TRKGRP06 | Trunk group 06 calling |
| TRKGRP07 | Trunk group 07 calling |
| TRKGRP08 | Trunk group 08 calling |
| TRKGRP09 | Trunk group 09 calling |

# MMC: 701

## CALL TRK GROUP

| LCD Display | COS Option |
|---|---|
| TRKGRP10 | Trunk group 10 calling |
| TRKGRP11 | Trunk group 11 calling |

## CALL BIVMS GROUP

| LCD Display | COS Option |
|---|---|
| VMSSTN01 | SVM Port 01 calling |
| VMSSTN02 | SVM Port 02 calling |
| VMSSTN03 | SVM Port 03 calling |
| VMSSTN04 | SVM Port 04 calling |
| VMSSTN05 | SVM Port 05 calling |
| VMSSTN06 | SVM Port 06 calling |
| VMSSTN07 | SVM Port 07 calling |
| VMSSTN08 | SVM Port 08 calling |

**DEFAULT DATA:** **ALL VALUES YES, EXCEPT USEABLE FEATURES 14, 38, 56, 63, 64, 65**

**RELATED ITEMS:** **MMC 700 COPY COS CONTENTS**
**MMC 702 TOLL DENY TABLE**
**MMC 703 TOLL ALLOWANCE TABLE**
**TOLL RESTRICTION**
**SVMi-8 CARD**

# MMC: 722 STATION KEY PROGRAMMING

## DESCRIPTION:

Allows the customizing of programmable keys on specific electronic keysets, AOM, or 64 button module on the iDCS 100 system. For keysets, buttons 1 and 2 are set as CALL buttons by default. For AOM's and 64 button DSS box's all buttons are set as DS keys by default. Features are entered via dial pad keys by pressing the dial pad number the required number of steps to select the feature. For example, for OHVA, the number 6 is pressed three times. If the BOSS key is required, press 2 for the first letter B and then use the UP or DOWN key to change the selection from BARGE to BOSS.

**DIAL KEYPAD**

| COUNT | 1 | 2 | 3 |
|---|---|---|---|
| **DIAL 2** | AAPLAY | BARGE | CALL |
| **DIAL 3** | DICT | DICT | FAUTO |
| **DIAL 4** | GPIK | HLDPK | IG |
| **DIAL 5** | LCR | LCR | LCR |
| **DIAL 6** | MMPA | NEW | OHVA |
| **DIAL 7** | PAGE | REJECT | SG |
| **DIAL 8** | TG | UA | |

**PROGRAM KEYS**

| | |
|---|---|
| UP & DOWN | Used to scroll through options |
| KEYPAD | Used to enter selections |
| SOFT KEYS | Move cursor left and right |
| SPK | Used to store data and advance to next MMC |
| HOLD | Used to clear previous entry |

**ACTION** **DISPLAY**

1. Press TRSF 722
   Display shows

```
[201] KEY PROG.
01:CALL1 →
```

2. Enter selected station number (e.g., 205)
   OR
   Press UP or DOWN key to select station
   Press RIGHT soft key to move cursor

```
[205] KEY PROG.
01:CALL1 →
```

# MMC: 722

3. Enter selected key number (e.g., 18)
   OR
   Press UP or DOWN key to select key number
   Press RIGHT soft key to move cursor

```
[201] KEY PROG.
18:NONE →_
```

4. Using above chart, press dial pad key number to make selection
   OR
   Press UP or DOWN key to make selection
   Press RIGHT soft key to advance cursor to step 5 to enter extender if required or to return to step 2

```
[201] KEY PROG.
18:NONE →GPIK_
```

5. If required, enter extender (e.g.,03)
   OR
   Press UP or DOWN key to make selection
   Press RIGHT soft key to return to step 2

```
[201] KEY PROG.
18:NONE →GPIK03
```

6. Press TRSF to store and exit
   OR
   Press SPK to store and advance to next MMC

**DEFAULT DATA: SEE BELOW**

**RELATED ITEMS:** MMC 107 KEY EXTENDER
MMC 720 COPY KEY PROGRAMMING
MMC 721 SAVE STATION KEY PROGTRAMMING

- **DCS KEYSETS**

**Default 24 Button Keyset with or without Display**

| | | | | | |
|---|---|---|---|---|---|
| 01:CALL1 | 02:CALL2 | 03:NONE | 04:NONE | 05:NONE | 06:TG9 |
| 07:NONE | 08:NONE | 09:NONE | 10:NONE | 11:NONE | 12:NONE |
| 13:NONE | 14:NONE | 15:NONE | 16:NONE | 17:NONE | 18:NONE |
| 19:CONF | 20:SPD | 21:LNR | 22:PAGE | 23:CBK | 24:MSG |

**Default 12 Button Keyset**

| | | | | | |
|---|---|---|---|---|---|
| 01:CALL1 | 02:CALL2 | 03:NONE | 04:NONE | 05:NONE | 06:TG9 |
| 07:CONF | 08:SPD | 09:LNR | 10:PAGE | 11:CBK | 12:MSG |

# MMC: 722

## Default Add-On Module

| | | | |
|---|---|---|---|
| 01:DS | 02:DS | 03:DS | 04:DS |
| 05:DS | 06:DS | 07:DS | 08:DS |
| 09:DS | 10:DS | 11:DS | 12:DS |
| 13:DS | 14:DS | 15:DS | 16:DS |
| 17:DS | 18:DS | 19:DS | 20:DS |
| 21:DS | 22:DS | 23:DS | 24:DS |
| 25:DS | 26:DS | 27:DS | 28:DS |
| 29:DS | 30:DS | 31:DS | 32:DS |

## Default 64 Button DSS Box

| | | | |
|---|---|---|---|
| 01:DS | 02:DS | 03:DS | 04:DS |
| 05:DS | 06:DS | 07:DS | 08:DS |
| 09:DS | 10:DS | 11:DS | 12:DS |
| 13:DS | 14:DS | 15:DS | 16:DS |
| 17:DS | 18:DS | 19:DS | 20:DS |
| 21:DS | 22:DS | 23:DS | 24:DS |
| 25:DS | 26:DS | 27:DS | 28:DS |
| 29:DS | 30:DS | 31:DS | 32:DS |
| 33:DS | 34:DS | 35:DS | 36:DS |
| 37:DS | 38:DS | 39:DS | 40:DS |
| 41:DS | 42:DS | 43:DS | 44:DS |
| 45:DS | 46:DS | 47:DS | 48:DS |
| 49:DS | 50:DS | 51:DS | 52:DS |
| 53:DS | 54:DS | 55:DS | 56:DS |
| 57:DS | 58:DS | 59:DS | 60:DS |
| 61:DS | 62:DS | 63:DS | 64:DS |

## Default 7 Button Keyset

| | | |
|---|---|---|
| 01:CALL1 | 02:CALL2 | 03:NONE |
| 04:NONE | 05:NONE | 06:NONE |
| | 07:MSG | |

# MMC: 722

- **iDCS KEYSETS**

### Default 28 Button Keyset

| | | | | |
|---|---|---|---|---|
| 01:CALL1 | 02:CALL2 | 03:NONE | 04:NONE | 05:MESSAGE |
| 06:NONE | 07:NONE | 08:NONE | 09:NONE | 10:NONE |
| 11:NONE | 12:NONE | 13:NONE | 14:NONE | 15:NONE |
| 16:NONE | 17:NONE | 18:NONE | 19:NONE | 20:NONE |

| | |
|---|---|
| 21:NONE | 25:NONE |
| 22:NONE | 26:NONE |
| 23:MEMORY | 27:REDIAL |
| 24:TRANSFER | 28:SPEAKER |

### Default 18 Button Keyset

| | | | | |
|---|---|---|---|---|
| 01:CALL1 | 02:CALL2 | 03:NONE | 04:NONE | 05:MESSAGE |
| 06:NONE | 07:NONE | 08:NONE | 09:NONE | 10:NONE |

| | |
|---|---|
| 21:NONE | 25:NONE |
| 22:NONE | 26:NONE |
| 23:MEMORY | 27:REDIAL |
| 24:TRANSFER | 28:SPEAKER |

### Default 8 Button Keyset

| | | | |
|---|---|---|---|
| 01:CALL1 | 02:CALL2 | 03:MESSAGE | 04:TRANSFER |
| 05:NONE | 06:NONE | 07:NONE | 08:SPEAKER |

### Default 14 Button DSS Box

| |
|---|
| 31:DS |
| 32:DS |
| 33:DS |
| 34:DS |
| 35:DS |
| 36:DS |
| 37:DS |
| 38:DS |
| 39:DS |
| 40:DS |
| 41:DS |
| 42:DS |
| 43:DS |
| 44:DS |

# MMC: 722

## Default 64 Button DSS Box

| | | | |
|---|---|---|---|
| 01:DS | 02:DS | 03:DS | 04:DS |
| 05:DS | 06:DS | 07:DS | 08:DS |
| 09:DS | 10:DS | 11:DS | 12:DS |
| 13:DS | 14:DS | 15:DS | 16:DS |
| 17:DS | 18:DS | 19:DS | 20:DS |
| 21:DS | 22:DS | 23:DS | 24:DS |
| 25:DS | 26:DS | 27:DS | 28:DS |
| 29:DS | 30:DS | 31:DS | 32:DS |
| 33:DS | 34:DS | 35:DS | 36:DS |
| 37:DS | 38:DS | 39:DS | 40:DS |
| 41:DS | 42:DS | 43:DS | 44:DS |
| 45:DS | 46:DS | 47:DS | 48:DS |
| 49:DS | 50:DS | 51:DS | 52:DS |
| 53:DS | 54:DS | 55:DS | 56:DS |
| 57:DS | 58:DS | 59:DS | 60:DS |
| 61:DS | 62:DS | 63:DS | 64:DS |

## Programmable Key Assignments

| | |
|---|---|
| AAPLAY | AUTO ATTENDANT PLAY* |
| AAREC | AUTO ATTENDANT RECORD* |
| ABAND | ABANDONED CALL |
| ABW: | AGENT BUSY WRAP-UP |
| ACCT: | ACCOUNT |
| ALARM: | ALARM |
| AN/RLS: | ANSWER/RELEASE |
| BARGE: | BARGE-IN |
| BLOCK: | OHVA BLOCK |
| BOSS: | BOSS/SECRETARY |
| CAD | CALL ACTIVITY DISPLAY (MEM4) |
| CALL: | CALL BUTTON |
| CAMP: | STATION CAMP-ON |
| CANMG: | MESSAGE CANCEL |
| CBK: | CALLBACK |
| CID: | CALLER ID/ANI* |
| CHOICE: | Reserved for Future Use |
| CONF: | CONFERENCE |
| CONP: | CONNECTED NAME ID PRESENTATION (MEM4) |
| CR: | CALL RECORD* |
| CS: | CALL STATUS |
| CSNR: | CALLER ID SAVE NUMBER REDIAL |
| DGPALM: | ALARM REMINDER KEY |
| DIR: | DIRECTORY |

## MMC: 722

| | |
|---|---|
| DLOCK: | DOOR LOCK |
| DND: | DO NOT DISTURB |
| DNDO: | DO NOT DISTURB OVERRIDE |
| DP: | DIRECT PICKUP |
| DROP | DROP |
| DS: | DSS KEY |
| DT: | DTS KEY |
| EXTMIC: | EXTERNAL MICROPHONE |
| FAUTO: | FORCED AUTO ANSWER |
| FLASH: | FLASH |
| FWRD: | CALL FORWARD |
| GPIK: | GROUP PICKUP |
| HDSET: | HEADSET MODE |
| HLDPK: | HOLD PICKUP |
| HOLD: | HOLD |
| IG: | IN/OUT OF GROUP |
| INQIRE: | INQUIRE (CID*/ANI) |
| INFDSP: | RESERVE FOR FUTURE USE |
| ISPY: | CID/ANI SPY |
| LANREQ: | LAN REQUEST |
| LCR: | LEAST COST ROUTING |
| LISTN: | GROUP LISTENING |
| LNR: | LAST NUMBER REDIAL |
| LOG | CALL LOGGING (MEM4) |
| MMPA: | MEET ME PAGE ANSWER |
| MMPG: | MEET ME PAGE |
| MSG: | MESSAGE |
| MUTE: | MUTE |
| NEW: | NEW CALL |
| NND: | NAME NUMBER DATE (CID*/ANI) |
| NOCLIP: | DO NOT SEND CLI INFO TO CO (ISDN only) |
| NXT: | NEXT (CID*/ANI) |
| OHVA: | OFF-HOOK VOICE ANNOUNCE |
| OPER: | OPERATOR |
| PAGE: | PAGE |
| PAGPK: | PICKUP PAGE HOLD |
| PARK | CALL PARK ORBIT |
| PAUSE: | PAUSE |
| PMSG: | PROGRAMMED STATION MESSAGE |
| PROG: | LIMITED PROGRAMMING |
| PTHR: | PATH REPLACEMENT [Enhanced Software Only] |
| REJECT: | OHVA REJECT |
| RETRY: | AUTO REDIAL ON BUSY |

## MMC: 722

| | |
|---|---|
| REVW: | REVIEW (CID*/ANI) |
| RP | RING PLAN |
| RTO | RING TIME OVERIDE |
| SETDND: | SET DO NOT DISTURB |
| SETMG: | SET MESSAGE W/O RING |
| SG: | STATION GROUP |
| SNR: | SAVED NUMBER REDIAL |
| SP | UCD SUPERVISOR |
| SPD: | SPEED DIAL |
| SPKR: | SPEAKER |
| STORE: | STORE DISPLAYED NUMBER (CID*/ANI) |
| SYSALM | SYSTEM ALARMS (MEM4) |
| TG: | TRUNK GROUP |
| TIMER: | TIMER |
| TRARPT: | TRAFFIC REPORT |
| TRSF: | TRANSFER |
| UA: | UNIVERSAL ANSWER |
| VM: | VOICE MAIL MEMO** |
| VMADM: | VOICE MAIL ADMINISTRATION** |
| VMAME: | ANSWER MACHINE EMULATION** |
| VMMSG: | VOICE MAIL MESSAGE KEY** |
| VT: | VOICEMAIL TRANSFER |

NOTE: Items marked with an asterisk require optional hardware.
Items marked with a double asterisk require a SVM card.

# MMC: 723 SYSTEM KEY PROGRAMMING

## DESCRIPTION:

This MMC is much like MMC 722, Station Key Programming. The main difference is that this MMC is system-wide rather than on a per-station basis. Features are entered via the dial keypad by pressing numbers as shown in the table. For example, for OHVA the number 6 is pressed three times. If the BOSS key is required, press 2 for the first letter B, and then use the UP or DOWN key to change selection from BARGE to BOSS.

**DIAL KEYPAD**

| COUNT→ | 1 | 2 | 3 |
|---|---|---|---|
| DIAL 2 | AAPLAY | BARGE | CALL |
| DIAL 3 | DICT | DICT | FAUTO |
| DIAL 4 | GPIK | HDSET | I/G |
| DIAL 5 | LCR | LCR | LCR |
| DIAL 6 | MMPA | NEW | OHVA |
| DIAL 7 | PAGE | REJECT | SETMG |
| DIAL 8 | TG | UA | VDIAL |

**TYPE OF SET**

0 24-BTN
1 12-BTN
2 7-BTN
3 32-BTN AOMs
4 64-BTN AOMs
5 28 BTN
6 18 BTN
7 8 BTN

**PROGRAM KEYS**

| | |
|---|---|
| UP & DOWN | Used to scroll through options |
| KEYPAD | Used to enter selections |
| SOFT KEYS | Move cursor left and right |
| SPK | Used to store data and advance to next MMC |
| HOLD | Used to clear previous entry |

# MMC: 723

| ACTION | DISPLAY |
|---|---|
| 1. Press TRSF 723<br>Display shows | TYPE:24 BTN SETS<br>01:CALL1 → |
| 2. Enter type of set via dial keypad ( e.g.,5)<br>OR<br>Press UP or DOWN key to make selection and press RIGHT soft key | TYPE:24 BTN SETS<br>01:CALL1 → |
| 3. Enter key number (e.g., 18)<br>OR<br>Press UP or DOWN key to make selection and press RIGHT soft key | TYPE:24 BTN SETS<br>18:DS → |
| 4. Using table above, press dial keypad number to make selection<br>OR<br>Press UP or DOWN key to make selection and press RIGHT soft key to advance cursor to step 5 to enter extender, if required<br>OR<br>Press LEFT soft key to return to step 3 | TYPE:24 BTN SETS<br>18:DS →GPIK |
| 5. If required, enter extender (e.g.,03)<br>OR<br>Press UP or DOWN key to make selection and press RIGHT soft key to return to step 2 | TYPE:24 BTN SETS<br>18:DS →GPIK03 |
| 6. Press TRSF to store and exit<br>OR<br>Press SPK to store and advance to next MMC | |

**DEFAULT DATA:**

- **DCS KEYSETS**

**Default 24 Button Keyset with or without Display**

| | | | | | |
|---|---|---|---|---|---|
| 01:CALL1 | 02:CALL2 | 03:NONE | 04:NONE | 05:NONE | 06:TG9 |
| 07:NONE | 08:NONE | 09:NONE | 10:NONE | 11:NONE | 12:NONE |
| 13:NONE | 14:NONE | 15:NONE | 16:NONE | 17:NONE | 18:NONE |
| 19:CONF | 20:SPD | 21:LNR | 22:PAGE | 23:CBK | 24:MSG |

# MMC: 723

## Default 12 Button Keyset

| | | | | | |
|---|---|---|---|---|---|
| 01:CALL1 | 02:CALL2 | 03:NONE | 04:NONE | 05:NONE | 06:TG9 |
| 07:CONF | 08:SPD | 09:LNR | 10:PAGE | 11:CBK | 12:MSG |

## Default Add-On Module

| | | | |
|---|---|---|---|
| 01:DS | 02:DS | 03:DS | 04:DS |
| 05:DS | 06:DS | 07:DS | 08:DS |
| 09:DS | 10:DS | 11:DS | 12:DS |
| 13:DS | 14:DS | 15:DS | 16:DS |
| 17:DS | 18:DS | 19:DS | 20:DS |
| 21:DS | 22:DS | 23:DS | 24:DS |
| 25:DS | 26:DS | 27:DS | 28:DS |
| 29:DS | 30:DS | 31:DS | 32:DS |

## Default 64 Button DSS Box

| | | | |
|---|---|---|---|
| 01:DS | 02:DS | 03:DS | 04:DS |
| 05:DS | 06:DS | 07:DS | 08:DS |
| 09:DS | 10:DS | 11:DS | 12:DS |
| 13:DS | 14:DS | 15:DS | 16:DS |
| 17:DS | 18:DS | 19:DS | 20:DS |
| 21:DS | 22:DS | 23:DS | 24:DS |
| 25:DS | 26:DS | 27:DS | 28:DS |
| 29:DS | 30:DS | 31:DS | 32:DS |
| 33:DS | 34:DS | 35:DS | 36:DS |
| 37:DS | 38:DS | 39:DS | 40:DS |
| 41:DS | 42:DS | 43:DS | 44:DS |
| 45:DS | 46:DS | 47:DS | 48:DS |
| 49:DS | 50:DS | 51:DS | 52:DS |
| 53:DS | 54:DS | 55:DS | 56:DS |
| 57:DS | 58:DS | 59:DS | 60:DS |
| 61:DS | 62:DS | 63:DS | 64:DS |

## Default 7 Button Keyset

| | | |
|---|---|---|
| 01:CALL1 | 02:CALL2 | 03:NONE |
| 04:NONE | 05:NONE | 06:NONE |
| | 07:MSG | |

# MMC: 723

- **iDCS KEYSETS**

### Default 28 Button Keyset

| | | | | |
|---|---|---|---|---|
| 01:CALL1 | 02:CALL2 | 03:NONE | 04:NONE | 05:MESSAGE |
| 06:NONE | 07:NONE | 08:NONE | 09:NONE | 10:NONE |
| 11:NONE | 12:NONE | 13:NONE | 14:NONE | 15:NONE |
| 16:NONE | 17:NONE | 18:NONE | 19:NONE | 20:NONE |

| | |
|---|---|
| 21:NONE | 25:NONE |
| 22:NONE | 26:NONE |
| 23:MEMORY | 27:REDIAL |
| 24:TRANSFER | 28:SPEAKER |

### Default 18 Button Keyset

| | | | | |
|---|---|---|---|---|
| 01:CALL1 | 02:CALL2 | 03:NONE | 04:NONE | 05:MESSAGE |
| 06:NONE | 07:NONE | 08:NONE | 09:NONE | 10:NONE |

| | |
|---|---|
| 21:NONE | 25:NONE |
| 22:NONE | 26:NONE |
| 23:MEMORY | 27:REDIAL |
| 24:TRANSFER | 28:SPEAKER |

### Default 8 Button Keyset

| | | | |
|---|---|---|---|
| 01:CALL1 | 02:CALL2 | 03:MESSAGE | 04:TRANSFER |
| 05:NONE | 06:NONE | 07:NONE | 08:SPEAKER |

### Default 14 Button DSS Box

| |
|---|
| 31:DS |
| 32:DS |
| 33:DS |
| 34:DS |
| 35:DS |
| 36:DS |
| 37:DS |
| 38:DS |
| 39:DS |
| 40:DS |
| 41:DS |
| 42:DS |
| 43:DS |
| 44:DS |

# MMC: 723

## Default 64 Button DSS Box

| | | | |
|---|---|---|---|
| 01:DS | 02:DS | 03:DS | 04:DS |
| 05:DS | 06:DS | 07:DS | 08:DS |
| 09:DS | 10:DS | 11:DS | 12:DS |
| 13:DS | 14:DS | 15:DS | 16:DS |
| 17:DS | 18:DS | 19:DS | 20:DS |
| 21:DS | 22:DS | 23:DS | 24:DS |
| 25:DS | 26:DS | 27:DS | 28:DS |
| 29:DS | 30:DS | 31:DS | 32:DS |
| 33:DS | 34:DS | 35:DS | 36:DS |
| 37:DS | 38:DS | 39:DS | 40:DS |
| 41:DS | 42:DS | 43:DS | 44:DS |
| 45:DS | 46:DS | 47:DS | 48:DS |
| 49:DS | 50:DS | 51:DS | 52:DS |
| 53:DS | 54:DS | 55:DS | 56:DS |
| 57:DS | 58:DS | 59:DS | 60:DS |
| 61:DS | 62:DS | 63:DS | 64:DS |

## Programmable Key Assignments

| | |
|---|---|
| AAPLAY | AUTO ATTENDANT PLAY* |
| AAREC | AUTO ATTENDANT RECORD* |
| ABAND | ABANDONED CALL |
| ABW: | AGENT BUSY WRAP-UP |
| ACCT: | ACCOUNT |
| ALARM: | ALARM |
| AN/RLS: | ANSWER/RELEASE |
| BARGE: | BARGE-IN |
| BLOCK: | OHVA BLOCK |
| BOSS: | BOSS/SECRETARY |
| CAD | CALL ACTIVITY DISPLAY (MEM4) |
| CALL: | CALL BUTTON |
| CAMP: | STATION CAMP-ON |
| CANMG: | MESSAGE CANCEL |
| CBK: | CALLBACK |
| CHOICE: | Reserved for Future Use |
| CID: | CALLER ID/ANI* |
| CONF: | CONFERENCE |
| CONP: | CONNECTED NAME ID PRESENTATION (MEM4) |
| CR: | CALL RECORD * |
| CS: | CALL STATUS |
| CSNR: | CALLER ID SAVE NUMBER REDIAL |
| DGPALM: | ALARM REMINDER KEY |
| DIR: | DIRECTORY |
| DLOCK: | DOOR LOCK |

## MMC: 723

| | |
|---|---|
| DND: | DO NOT DISTURB |
| DNDO: | DO NOT DISTURB OVERRIDE |
| DP: | DIRECT PICKUP |
| DROP | DROP |
| DS: | DSS KEY |
| DT: | DTS KEY |
| EXTMIC: | EXTERNAL MICROPHONE |
| FAUTO: | FORCED AUTO ANSWER |
| FLASH: | FLASH |
| FWRD: | CALL FORWARD |
| GPIK: | GROUP PICKUP |
| HDSET: | HEADSET MODE |
| HLDPK: | HOLD PICKUP |
| HOLD: | HOLD |
| IG: | IN/OUT OF GROUP |
| INFDSP: | RESERVED FOR FUTURE USE |
| INQIRE: | INQUIRE (CID*/ANI) |
| ISPY: | CID/ANI SPY |
| LANREQ: | LAN REQUEST |
| LCR: | LEAST COST ROUTING |
| LISTN: | GROUP LISTENING |
| LNR: | LAST NUMBER REDIAL |
| LOG | CALL LOGGING (MEM4) |
| MMPA: | MEET ME PAGE ANSWER |
| MMPG: | MEET ME PAGE |
| MSG: | MESSAGE |
| MUTE: | MUTE |
| NEW: | NEW CALL |
| NND: | NAME NUMBER DATE (CID*/ANI) |
| NOCLIP: | DO NOT SEND CLI INFO TO CO (ISDN only) |
| NXT: | NEXT (CID*/ANI) |
| OHVA: | OFF-HOOK VOICE ANNOUNCE |
| OPER: | OPERATOR |
| PAGE: | PAGE |
| PAGPK: | PICKUP PAGE HOLD |
| PARK | CALL PARK ORBIT |
| PAUSE: | PAUSE |
| PMSG: | PROGRAMMED STATION MESSAGE |
| PROG: | LIMITED PROGRAMMING |
| PTHR: | PATH REPLACEMENT [Enhanced Software Only] |
| REJECT: | OHVA REJECT |
| RETRY: | AUTO REDIAL ON BUSY |
| REVW: | REVIEW (CID*/ANI) |

## MMC: 723

| | |
|---|---|
| RP | RING PLAN |
| RTO | RING TIME OVERIDE |
| SETDND: | SET DO NOT DISTURB |
| SETMG: | SET MESSAGE W/O RING |
| SG: | STATION GROUP |
| SNR: | SAVED NUMBER REDIAL |
| SP | UCD SUPERVISOR |
| SPD: | SPEED DIAL |
| SPKR: | SPEAKER |
| STORE: | STORE DISPLAYED NUMBER (CID*/ANI) |
| SYSALM | SYSTEM ALARMS (MEM4) |
| TG: | TRUNK GROUP |
| TIMER: | TIMER |
| TRARPT: | TRAFFIC REPORT |
| TRSF: | TRANSFER |
| UA: | UNIVERSAL ANSWER |
| VM: | VOICE MAIL MEMO** |
| VMADM: | VOICE MAIL ADMINISTRATION** |
| VMAME: | ANSWER MACHINE EMULATION** |
| VMMSG: | VOICE MAIL MESSAGE KEY** |
| VT: | VOICEMAIL TRANSFER |

NOTE: Items marked with an asterisk require optional hardware.
Items marked with a double asterisk require a SVM card.

# MMC: 724 DIAL NUMBERING PLAN

## DESCRIPTION:

This MMC allows the technician to change directory numbers for stations, trunks, station groups, trunk groups and feature access codes. The system is preprogrammed with a default three digit numbering for station, station groups and trunk numbers.

| DIAL | OPTION | DESCRIPTION |
|---|---|---|
| 0 | STN NUM PLAN | This is where station directory numbers are changed or assigned. |
| 1 | TRK NUM PLAN | This is where trunk directory numbers are changed or assigned. |
| 2 | AA NUMPLAN | This is where AA port directory numbers are changed or assigned. |
| 3 | MISC NUM PLAN | This is where directory numbers for relays, MOH ports and the alarm sensor are changed or assigned. |
| 4 | STNG NUM PLAN | This is where station group numbers are changed or assigned. |
| 5 | TRKG NUM PLAN | This is where trunk group numbers are changed or assigned. |
| 6 | FEAT NUM PLAN | This is where feature access codes are changed or assigned. Dialing codes are entered via the dial pad key by pressing the dial pad number the required steps to select the feature. For example, for OHVA, the number 6 would be pressed three times.<br><br>NOTE: Please remember that this program is system-wide. |
| 7 | BRI STN NO. PLAN | This is where directory numbers for BRI ports. MMC 427 is to assign as stations or trunks. |

## MMC: 724

| | | |
|---|---|---|
| 8 | NTWK LCR | This is where additional LCR access codes are entered in the case when two or more iDCS 100 systems are networked.<br><br>NOTE: Networking is only available with the iDCS 100 enhanced version software. |

### FEATURE NUMBERING DIAL KEY PAD

| COUNT→ | 1 | 2 | 3 |
|---|---|---|---|
| DIAL 2 | AAPLAY | BARGE | CAMP |
| DIAL 3 | DICT | DICT | FAUTO |
| DIAL 4 | GPIK | HDSET | IG |
| DIAL 5 | LCR | LCR | LCR |
| DIAL 6 | MMPA | NEW | OHVA |
| DIAL 7 | PAGE | PAGE | REJECT |
| DIAL 8 | UA | UA | VDIAL |
| DIAL 9 | WCOS | WCOS | WCOS |

### PROGRAM KEYS

| | |
|---|---|
| UP & DOWN | Used to scroll through options |
| KEYPAD | Used to enter selections |
| SOFT KEYS | Move cursor left and right |
| SPK | Used to store data and advance to next MMC |
| HOLD | Used to clear previous entry |

| ACTION | DISPLAY |
|---|---|
| 1. Press TRSF<br>Display shows | **STN NUMBER PLAN:**<br>**BASE01:201→** |
| 2. Dial option number to make selection (e. g., 2)<br>OR<br>Press UP or DOWN key to make selection and press RIGHT soft key to advance cursor<br>OR | **FEAT NUMBER PLAN**<br>**ABAND :64 →** |
| 3. Dial first letter of feature name (e. g., 7)<br>AND | **FEAT NUMBER PLAN**<br>**PAGE :55 →** |
| Press UP or DOWN key to make selection then press RIGHT soft key to advance cursor | **FEAT NUMBER PLAN**<br>**PARK :NONE→** |

# MMC: 724

4. Enter digits (e.g., 63) via the dial keypad

```
FEAT NUMBER PLAN
PARK :NONE   →63
```

5. Press LEFT soft key to enter change and continue to make changes
   OR
   Press RIGHT soft key to enter and return to step 2; if an error message appears indicating duplication of access code, enter 1 for YES for change or enter 0 for NO for no change

```
FEAT NUMBER PLAN
PARK :NONE   →63
```

```
NUMBER IN USE
CHANGE?__   Y:1,N:0
```

5. Press TRSF to store and exit
   OR
   Press SPK to store and advance to next MMC

**DEFAULT DATA: SEE BELOW**

**STN DIAL NUM:** Base odd port 201 ~ 2xx
Base even port301 ~ 3xx
Ext. cabinet 2xx

**TRK DIAL NUM:** 701 ~ 7xx

**AA/VD DIAL NO:** AA: 381 ~ 384

**MISC DIAL NUM:** Alarm sensor: 351 ~
External page: 361 ~
BGM: 371 ~
Common bell: None
Loud bell: 391 ~
MODEM: xxxx

**STNG DIAL NUMBER:** 500 ~ 519

**TRKG DIAL NUMBER:** 800 ~ 809

**FEAT DIAL NUMBER:**

| | |
|---|---|
| ABAND | 64 |
| ABW | None |
| ACCT | 47 |
| ALMCLR | 57 |
| AUTH | * |
| BARGE | None |
| BLOCK | None |
| BOSS | None |
| CAMP | 45 |
| CANMG | 42 |
| CBK | 44 |
| CHOICE | None |
| CONF | 46 |

## MMC: 724

| | |
|---|---|
| CONP | None |
| CR | None |
| DGPALM | None |
| DIR | None |
| DIRPK | 65 |
| DISALM | 58 |
| DLOCK | 13 |
| DND | 40 |
| DNDOVR | None |
| FAUTO | 14 |
| FLASH | 49 |
| FWD | 60 |
| GRPK | 66 |
| HDSET | None |
| HLDPK | 12 |
| HOLD | 11 |
| IG | 53 |
| INFDSP | None |
| LCR | None |
| LISTN | None |
| LOG | None |
| LNR | 19 |
| MMPA | 56 |
| MMPG | 54 |
| MSG | 43 |
| MYGRPK | None |
| NEW | 18 |
| NOCLIP | None |
| OHVA | None |
| OPER | 0 |
| PAGE | 55 |
| PAGPK | 10 |
| PARK | NONE |
| PMSG | 48 |
| PTHR | None |
| REJECT | None |
| RP | None |
| RTO | None |
| SETMG | 41 |
| SETALM | None |
| SLTMMC | 15 |
| SNR | 17 |
| SPEED | 16 |
| SRELOC | None |
| UA | 67 |
| VMADM | None |
| VMAME | None |
| VMMEMO | # |
| VMMSG | None |
| WCOS | 59 |

**S0 STN DIAL NO.:** 7801~7824

# MMC: 727 SYSTEM VERSION DISPLAY

## DESCRIPTION:

Used only for system version display. This is a READ ONLY MMC.

**PROGRAM KEY**

| | |
|---|---|
| SPK | Used to advance to next MMC |

| ACTION | DISPLAY |
|---|---|
| 1. Press TRSF 727<br>Display shows software verson on MEM3 or MEM4 card<br>Press UP or DOWN key to select other system versions | ROM VERSION<br>`2002.04.20. E1.0 |
| Basic 8 DLI ports on KSU motherboard | B.DLI VER:B.8DLI<br>NO VERSION DATA |
| Optional 2SLI card | O.SLI VER:O.2SLI<br>NO VERSION DATA |
| SMISC card. The software version is the version of the AA software on the SMISC2 | MISC. VER:MISC<br>'98.10.29 V1.0 |
| KSU Expansion slot 1. | SLOT1 VER:3TRK<br>NO VERSION DATA |
| KSU Expansion slot 2. | SLOT2 VER:8DLI<br>NO VERSION DATA |
| KSU Expansion slot 3. This slot has a 4BRI card installed | SLOT3 VER:4BRI<br>'99.04.13 V1.1 |
| SVMi-8 / SVMi-4 | SLOT7 VER:VM<br>'98.10.02 V1.0 |

**DEFAULT DATA: NONE**

**RELATED ITEMS: NONE**

# MMC: 740 VM CARD RESTART

## DESCRIPTION:

This MMC is only used for the Samsung Plug In Voice Mail Card.

There are two options available in this MMC:

**DOWNLOAD**

When the SVM card starts, part of the power up procedure will download data from the iDCS 100 to determine time, date, what mailboxes to create, and system numbering plan. This must be done at least once, but once done this download feature can be turned OFF to save boot up time.

**CARD RESTART**

If this option is set to YES the SVM card will immediately restart according to the download OPTION specified above.

**NOTE:**

*If during any test procedures you need to run the iDCS 100 system with a default database and power up with this MMC option set to YES the SVM database will be overwritten according to the data in MMC 741 and the default numbering plan. If you plan this type of test, remove SVM until the procedure is finished and the customer database is reloaded.*

**PROGRAM KEYS**

| | |
|---|---|
| UP & DOWN | Changes MMC data between YES and NO |
| KEYPAD | 0 and 1 will change data and advance to other option |
| SPK | Used to store data and advance to next MMC |

| ACTION | DISPLAY |
|---|---|
| 1. Press TRSF 740<br>Display shows | `VM CARD RESTART`<br>`DOWNLOAD ? YES` |
| 2. Dial 0 or 1 to set option and advance | |
| 3. Display shows | `VM CARD RESTART`<br>`CARD RESTART?NO` |
| 4. Dial 0 or 1 to set option and advance | |

## MMC: 740

5. Press TRSF to store and exit
   OR
   Press SPK to store and advance to next MMC

6. Enter 0 for non urgent or 1 for urgent

**DEFAULT DATA:** **CARD RESTART: NO**
**DOWNLOAD: NO**

**RELATED ITEMS:** **NONE**

# MMC: 741 ASSIGN MAILBOX

## DESCRIPTION:

This MMC is only used for the Samsung Plug in Voice Mail Card. It assigns each station or group as having a mailbox (yes or no). When stations or groups are flagged as YES, during Voice Mail card power up mailboxes will be created for each directory number with a "YES" entry.

Once the Voice Mail database has been created new boxes can be added.

a) Through Voice Mail administration,
b) By adding a new mailbox in this system and cycling system power.

If a mailbox is to be removed it must be done through Voice Mail administration.

If a station that do not have an associated voice mailbox, call the Voice Mail system they will be answered by the Voice Mail system main greeting.

NOTE: The groups that are supported are 500 to 518 (519 being the Voice Mail group). Mailboxes that are needed for people that do not have an extension must be added through Voice Mail programming.

### PROGRAM KEYS

| | |
|---|---|
| UP & DOWN | Used to scroll through options |
| KEYPAD | Used to enter selections |
| SOFT KEYS | Move cursor left and right |
| SPK | Used to store data and advance to next MMC |
| ANS/RLS | Used to select ALL |

| ACTION | DISPLAY |
|---|---|
| 1. Press TRSF 741<br>Display shows | `ASSIGN MAIL BOX`<br>`[201]: YES` |
| 2. Dial station number OR<br>Press UP or DOWN to scroll the number. | `ASSIGN MAIL BOX`<br>`225 : YES` |
| 3. Press RIGHT soft key to move cursor | `ASSIGN MAIL BOX`<br>`225 : YES` |

## MMC: 741

4. Change status using UP and DOWN
   OR
   Dial 0 for NO or 1 for YES.

5. Press TRSF button to store and exit
   OR
   Press SPK button to store and advance to next MMC

```
ASSIGN MAIL BOX
225 : NO
```

**DEFAULT DATA:** **ALL STATIONS = YES**
**ALL GROUPS = NO**

**RELATED ITEMS:** **NONE**

# MMC: 745 WARNING DESTINATION

## DESCRIPTION:

This MMC is only used for the Samsung Plug in Voice Mail Card.

This MMC provides an emergency destination for calls destined for the Voice Mail card, if the Voice Mail card is removed or is offline.

In addition any calls that are forwarded to the Voice Mail card will not forward, they will remain ringing at the “fwd from” station until answered.

This destination can be a station number or a group number.

### PROGRAM KEYS

| | |
|---|---|
| UP & DOWN | Used to scroll through options |
| KEYPAD | Used to enter selections |
| SPK | Used to store data and advance to next MMC |
| HOLD | Used to delete an entry |

| ACTION | DISPLAY |
|---|---|
| 1. Press TRSF 745<br>Display shows | WARNING DEST.<br>DEST:500 |
| 2. Dial station number or group number<br>OR<br>Press UP or DOWN to scroll the number. | WARNING DEST.<br>DEST:501 |
| 3. Press TRSF button to store and exit<br>OR<br>Press SPK button to store and advance to next MMC | |

**DEFAULT DATA: DEST = 500**

**RELATED ITEMS: NONE**

# MMC: 746 VM HALT

## DESCRIPTION:

This MMC is only used for the Samsung Plug in Voice Mail Card.

This MMC is used to halt the Voice Mail card (take it offline). It ensures that there is no traffic on the Voice Mail card when it is removed from the system.

NOTE: THIS OPERATION SHOULD BE PERFORMED BEFORE REMOVING THE VOICE MAIL CARD FROM THE iDCS 100 SYSTEM.

**PROGRAM KEYS**

| | |
|---|---|
| UP & DOWN | Used to scroll through options |
| KEYPAD | Used to enter selections |
| SPK | Used to store data and advance to next MMC |

| ACTION | DISPLAY |
|---|---|
| 1. Press TRSF 746<br>Display shows | VM HALT<br>STATUS:PROC |
| 2. Enter 1 to halt or 0 to process<br>OR<br>Press UP or DOWN to scroll the selections. | VM HALT<br>STATUS:PROC |
| 3. When you select 1 to halt, display shows:<br>Press 1 to confirm. | VM HALT<br>ARE YOU SURE?YES |
| 4. Display shows: | VM HALT<br>STATUS:HALT |
| 5. Press TRSF button to store and exit<br>OR<br>Press SPK button to store and advance to next MMC | |

**DEFAULT DATA: PROC**

**RELATED ITEMS: NONE**

# MMC: 747 VM ALARM

## DESCRIPTION:

This MMC is only used for the Samsung Plug in Voice Mail Card.

This MMC will generate an alarm message in the mailbox defined in MMC 741 whenever the Voice Mail disk drive reaches a threshold.

The threshold is measured in % full. This means that if the MMC is set for 80, the alarm will be generated when the disk exceeds 80% of the available drive space.

### PROGRAM KEYS

| | |
|---|---|
| UP & DOWN | Used to scroll through options |
| KEYPAD | Used to enter selections |
| SPK | Used to store data and advance to next MMC |

| ACTION | DISPLAY |
|---|---|
| 1. Press TRSF 747<br>Display shows | VM ALARM<br>THRESHOLD:80 |
| 2. Enter new threshold level. | VM ALARM<br>THRESHOLD:75 |
| 3. Press TRSF button to store and exit<br>OR<br>Press SPK button to store and advance to next MMC | |

**DEFAULT DATA: 80%**

**RELATED ITEMS: NONE**

# MMC: 748 ASSIGN VM MOH

## DESCRIPTION:

This MMC is only used for the Samsung Plug in Voice Mail Card.

This MMC is used to assign each port a Music on Hold source for the iDCS 100 from a sound file located on the SVM hard disk drive. The 100 available sound files are defined as numbers 5000 to 5099.

Basically SVM card supports various music for numbers 5000 to 5099. If you want to use default SVM support music, select the number. Otherwise, make sure you record the sound file first. The next step is to assign the sound file to a SVM port. For example, if you record sound file 5025 you would associate 25 with a specific SVM port, e.g. 225. This will dedicate the port for use only as MOH and remove it from group 519. Now 225 will show up as a valid music source in MMC 308, 309 and 408.

Each Music on Hold source assigned here requires one SVM port. SVM port is used for VMMOH, it must be disabled before boot up since SVM and the iDCS 100 use port 1 during boot up to exchange critical information. For this reason we suggest you use the last port as VMMOH ports.

### PROGRAM KEYS

| | |
|---|---|
| UP & DOWN | Used to scroll through options |
| KEYPAD | Used to enter selections |
| SPK | Used to store data and advance to next MMC |
| HOLD | Used to delete an entry |

| ACTION | DISPLAY |
|---|---|
| 1. Press TRSF 748<br>Display shows | SET VMMOH<br>209: NOT USED |
| 2. Press UP or DOWN to select SVM port. | SET VMMOH<br>215: NOT USED |
| 3. Move cursor to next field. Press UP or DOWN to select sound file. | SET VMMOH<br>215: 25 |

## MMC: 748

4. Press TRSF button to store and exit
   OR
   Press SPK button to store and advance to next MMC

**DEFAULT DATA: NOT USED**

**RELATED ITEMS: NONE**

# MMC: 749 VM IN/OUT

## DESCRIPTION:

This MMC is only used for the Samsung Plug in Voice Mail Card.

This MMC is used to assign each Voice Mail Port as used for incoming, outgoing or both way calls. Note that this MMC must support outgoing calls if off premises notification (beeper, outbound follow me of outbound notification) is used.

### PROGRAM KEYS

| | |
|---|---|
| UP & DOWN | Used to scroll through options |
| KEYPAD | Used to enter selections |
| SPK | Used to store data and advance to next MMC |

| ACTION | DISPLAY |
|---|---|
| 1. Press TRSF 749<br>Display shows | VM IN/OUT<br>209: IN/OUT |
| 2. Enter the Voice Mail port number.<br>OR<br>Press UP or DOWN to select SVM port. | VM IN/OUT<br>215: IN/OUT |
| 3. Enter the selections.<br>OR<br>Press UP or DOWN to scroll options. | VM IN/OUT<br>215: MOH |
| 4. Press TRSF button to store and exit<br>OR<br>Press SPK button to store and advance to next MMC | |

**DEFAULT DATA: IN/OUT**

**RELATED ITEMS: NONE**